

## EAST Search History

| Ref # | Hits    | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|------------------------------|------------------|---------|------------------|
| S1    | 3       | ("3099860" "4395221" "4731216").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/24 17:52 |
| S2    | 2       | ((("3388426") or ("3440686"))).PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/24 17:58 |
| S3    | 2744    | 425/133.1,380,382.3,382.4,461,462.<br>ccls.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 10:07 |
| S4    | 121     | 425/381.2.ccls.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:08 |
| S5    | 11      | ("2937402"   "3008187"   "4076481"  <br>"4298325"   "4365946"   "5648104"  <br>"6197239"   "6309574"   "6447279").<br>PN. OR ("7131829").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/06/25 09:16 |
| S6    | 2514746 | rotat\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/06/25 09:20 |
| S7    | 664399  | spin\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/06/25 09:20 |
| S8    | 2819804 | S6 or S7   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/06/25 09:17 |
| S9    | 2831765 | flow or flows  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/06/25 09:20 |
| S10   | 194083  | S8 with S9   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/06/25 09:18 |
| S11   | 1650765 | rotat\$3   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:20 |
| S12   | 499870  | spin\$4  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:20 |
| S13   | 1905089 | S11 or S12   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:20 |
| S14   | 2206827 | flow or flows  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:21 |
| S15   | 132287  | S13 with S14   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:21 |
| S16   | 2744    | 425/133.1,380,382.3,382.4,461,462.<br>ccls.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:22 |
| S17   | 302     | S15 and S16  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:32 |
| S18   | 2       | ("4450131" "6045737").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/06/25 09:32 |

## EAST Search History

|     |        |  |                        |    |     |                  |
|-----|--------|--|------------------------|----|-----|------------------|
| S19 | 0      | ("2007/0096358").URPN.   | USPAT                  | OR | OFF | 2007/06/25 09:35 |
| S20 | 18     | ("2138378"   "2174779"   "3205692"   "3520966"   "3651187"   "4120628"   "4704055"   "4779440"   "4921414"   "5049331"   "5601857").PN. OR ("5904939").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/25 09:46 |
| S21 | 12     | ("1681566"   "2653351"   "3577588"   "4167383"   "4182603"   "4185954"   "4473299"   "4492549").PN. OR ("4565510").URPN.                                     | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/25 09:56 |
| S22 | 335    | 425/382.3.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 10:56 |
| S23 | 251    | 264/209.2.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:08 |
| S24 | 145300 | tangent\$4   | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:08 |
| S25 | 1790   | S24 with S14 with S13  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:10 |
| S26 | 3283   | 425/461-467.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:10 |
| S27 | 1      | S25 and S26  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:10 |
| S28 | 72410  | "425".clas.  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:10 |
| S29 | 34     | S25 and S28  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:13 |
| S30 | 109354 | "264".clas.  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:13 |
| S31 | 38115  | S14 and S30  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:14 |
| S32 | 38     | S25 and S30  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:14 |
| S33 | 16     | S32 not S29  | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:19 |
| S34 | 2      | ((("4450131") or ("6045737"))).PN.   | US-PGPUB; USPAT        | OR | OFF | 2007/06/25 11:28 |
| S35 | 61     | betschon   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/25 11:28 |